

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0643231039**  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** 1.50mm CMC CP Female Terminal, Tin plated, for tab dimensions 1.5mm x 0.8mm, Wire Size > 1.0mm<sup>2</sup>- 2.0mm<sup>2</sup>

**Documents:**

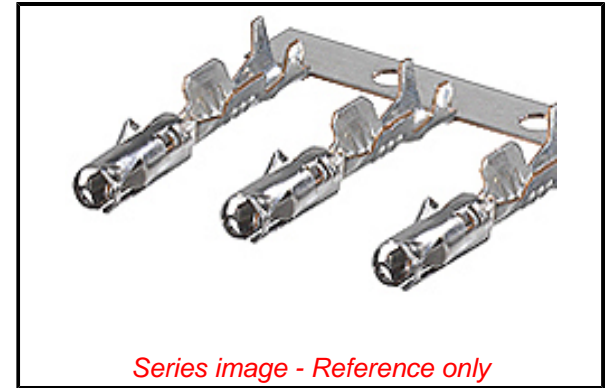
|   |   |
|---|---|
| <a href="#">3D Model</a>  | <a href="#">Application Specification AS-64323-001-CH-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Application Specification AS-64323-001-FR-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                      | <a href="#">Application Specification AS-98420-001-001 (PDF)</a>    |
| <a href="#">Product Specification PS-64319-002-001 (PDF)</a>        | <a href="#">Application Specification AS-98420-001-CH-001 (PDF)</a> |
| <a href="#">Application Specification AS-64318-002-001 (PDF)</a>    | <a href="#">Application Specification AS-98420-001-FR-001 (PDF)</a> |
| <a href="#">Application Specification AS-64318-002-CH-001 (PDF)</a> | <a href="#">Application Specification AS-98420-001-SP-001 (PDF)</a> |
| <a href="#">Application Specification AS-64318-002-FR-001 (PDF)</a> | <a href="#">Application Specification AS-98420-002-001 (PDF)</a>    |
| <a href="#">Application Specification AS-64318-002-SP-001 (PDF)</a> | <a href="#">Application Specification AS-98420-002-CH-001 (PDF)</a> |
| <a href="#">Application Specification AS-64319-002-001 (PDF)</a>    | <a href="#">Application Specification AS-98420-002-FR-001 (PDF)</a> |
| <a href="#">Application Specification AS-64319-002-CH-001 (PDF)</a> | <a href="#">Application Specification AS-98420-002-SP-001 (PDF)</a> |
| <a href="#">Application Specification AS-64319-002-FR-001 (PDF)</a> | <a href="#">Packaging Specification PK-98915-001-001 (PDF)</a>      |
| <a href="#">Application Specification AS-64319-002-SP-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>                |
| <a href="#">Application Specification AS-64323-001-001 (PDF)</a>    |   |

**General**

|                         |   |
|-------------------------|---|
| Product Family          | Crimp Terminals   |
| Series                  | 64323   |
| Application             | Automotive, Power, Wire-to-Wire   |
| Comments                | * Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 12A for 1.50mm Terminal (2.00mm <sup>2</sup> wire)* |
| Crimp Quality Equipment | Yes   |
| Overview                | CMC and CMX Sealed, Hybrid, Modular Connectors  |
| Product Name            | CMC, CP Terminal  |
| UPC                     | 883906129590  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | High Copper Alloy    |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.340/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 1.524µm, 3.048µm     |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 2.10mm-2.80mm        |
| Wire Size AWG                  | 14, 16               |
| Wire Size mm <sup>2</sup>      | >1.00-2.00           |



Series image - Reference only

**EU ELV**  
**Compliant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**  
**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

64323 Series

**Mates With**

CMC Connector [64318](#) , [64319](#) , [64320](#) , [64321](#) , [64326](#)

**Use With**

CMC Connector [64318](#) , [64319](#) , [64320](#) , [64321](#) , [64326](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description           | Product #                 |
|-----------------------|---------------------------|
| Hand Crimp Tool       | <a href="#">638119000</a> |
| Extraction Tool       | <a href="#">638132300</a> |
| FineAdjust Applicator | <a href="#">638688100</a> |

**Electrical**

Current - Maximum per Contact 12.0A  
Voltage - Maximum 14V DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info****Reference - Drawing Numbers**

Application Specification AS-64318-002-001, AS-64318-002-CH-001,  
AS-64318-002-FR-001, AS-64318-002-SP-001,  
AS-64319-002-001, AS-64319-002-CH-001,  
AS-64319-002-FR-001, AS-64319-002-SP-001,  
AS-64323-001-001, AS-64323-001-CH-001,  
AS-64323-001-FR-001, AS-98420-001-001,  
AS-98420-001-CH-001, AS-98420-001-FR-001,  
AS-98420-001-SP-001, AS-98420-002-001,  
AS-98420-002-CH-001, AS-98420-002-FR-001,  
AS-98420-002-SP-001  
Packaging Specification PK-98915-001-001  
Product Specification PS-64319-002-001  
Sales Drawing SD-64323-001-000

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